

CI series

■ Ratings・Performance

Specifications	Item		Performance
Contact specification	Contact configuration		1a
	Contact resistance		100mΩ max. (at DC6V 1A)
	Contact material		Ag alloy
Ratings	Rated load (resistive load)		AC250V 20A
	Max. switching capacity (resistive load)		5000VA
	Max. switching voltage		AC250V
	Max. switching current		20A
Electrical capability	Insulation resistance		100MΩ min. (at DC500V)
	Dielectric strength	Between coil and contact	AC4000V 1 min
		Between open contact	AC1000V 1 min
	Impulse withstand voltage (between coil and contact)		8500V min. (1.2 × 50 μs)
	Operate time (at rated voltage on, at 20°C)		20ms max. (excluding contact bounce time)
	Release time (at rated voltage off, at 20°C)		10ms max. (excluding contact bounce time)
Mechanical capability	Vibration resistance	Malfunction	10 to 55 to 10Hz (double amplitude 1.5mm)
		Destruction	10 to 55 to 10Hz (double amplitude 1.5mm)
	Shock resistance	Malfunction	100m/s ²
		Destruction	1000m/s ²
Life	Mechanical endurance (at 60 times/min)		1 000 000 times min.
	Electrical endurance (resistive load) (at 6 times/min)		100 000 times min. (at rated load)
Conditions for operation	Ambient temperature		-20°C to +60°C (no freezing and condensing at low temperature)
	Ambient humidity		5% to 85%RH
Mass			approx. 23g

● Notes: The above is the initial value.

DEC is a professional manufacturer of relays

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